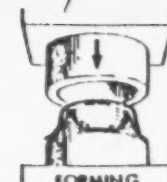


CUTTING

# TOTAL INDUSTRY ESTIMATE MACHINE TOOLS — CUTTING and FORMING

New Orders, Cancellations, Shipments and Backlog



FORMING

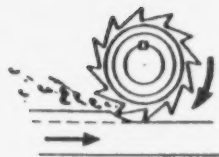
| DATE     | NET NEW ORDERS  |                |                 | Order Backlog<br>(In Mil. \$) | SHIPMENTS       |                |                 |
|----------|-----------------|----------------|-----------------|-------------------------------|-----------------|----------------|-----------------|
|          | Domestic        | Foreign        | Total           |                               | Domestic        | Foreign        | Total           |
| 1979     |                 |                |                 |                               |                 |                |                 |
| Jan.     | \$ 470,100,000  | \$ 48,250,000  | \$ 518,350,000  | 3,772.1                       | \$ 217,200,000  | \$ 27,350,000  | \$ 244,550,000  |
| Feb.     | 388,200,000     | 59,700,000     | 447,900,000     | 3,939.7                       | 252,300,000     | 28,050,000     | 280,350,000     |
| Mar.     | 442,950,000     | 39,000,000     | 481,950,000     | 4,088.5                       | 300,250,000     | 32,900,000     | 333,150,000     |
| Apr.     | 414,900,000     | 46,750,000     | 461,650,000     | 4,245.1                       | 266,150,000     | 38,900,000     | 305,050,000     |
| May      | 417,200,000     | 59,050,000     | 476,250,000     | 4,398.8                       | 287,350,000     | 35,250,000     | 322,600,000     |
| June     | 360,100,000     | 62,500,000     | 422,600,000     | 4,470.8                       | 315,550,000     | 35,000,000     | 350,550,000     |
| July     | 332,900,000     | 29,200,000     | 362,100,000     | 4,565.2                       | 236,800,000     | 30,900,000     | 267,700,000     |
| Aug.     | 370,150,000     | 55,900,000     | 426,050,000     | 4,705.9                       | 256,450,000     | 28,900,000     | 285,350,000     |
| Sep.     | 451,850,000     | 93,750,000     | 545,600,000     | 4,904.7                       | 309,550,000     | 37,250,000     | 346,800,000     |
| Oct. (P) | 440,250,000     | 124,250,000    | 564,500,000     | 5,096.2                       | 343,750,000     | 29,250,000     | 373,000,000     |
| 10 mos.  | \$4,088,600,000 | \$ 618,350,000 | \$4,706,950,000 |                               | \$2,785,350,000 | \$ 323,750,000 | \$3,109,100,000 |

| DATE     | GROSS NEW ORDERS |                |                 | CANCELLATIONS  |               |                |
|----------|------------------|----------------|-----------------|----------------|---------------|----------------|
|          | Domestic         | Foreign        | Total           | Domestic       | Foreign       | Total          |
| 1979     |                  |                |                 |                |               |                |
| Jan.     | \$ 493,700,000   | \$ 51,550,000  | \$ 545,250,000  | \$ 23,600,000  | \$ 3,300,000  | \$ 26,900,000  |
| Feb.     | 450,550,000      | 60,550,000     | 511,100,000     | 62,350,000     | 850,000       | 63,200,000     |
| Mar.     | 476,750,000      | 40,250,000     | 517,000,000     | 33,800,000     | 1,250,000     | 35,050,000     |
| Apr.     | 450,800,000      | 49,400,000     | 500,200,000     | 35,900,000     | 2,650,000     | 38,550,000     |
| May      | 445,550,000      | 63,300,000     | 508,850,000     | 28,350,000     | 4,250,000     | 32,600,000     |
| June     | 391,200,000      | 65,150,000     | 456,350,000     | 31,100,000     | 2,650,000     | 33,750,000     |
| July     | 352,900,000      | 32,900,000     | 385,800,000     | 20,000,000     | 3,700,000     | 23,700,000     |
| Aug.     | 390,850,000      | 61,750,000     | 452,600,000     | 20,700,000     | 5,850,000     | 26,550,000     |
| Sep.     | 475,450,000      | 94,850,000     | 570,300,000     | 23,600,000     | 1,100,000     | 24,700,000     |
| Oct. (P) | 476,600,000      | 136,100,000    | 612,700,000     | 36,350,000     | 11,850,000    | 48,200,000     |
| 10 mos.  | \$4,404,350,000  | \$ 655,800,000 | \$5,060,150,000 | \$ 315,750,000 | \$ 37,450,000 | \$ 353,200,000 |

This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

N.M.T.B.A. F - 1e



# INDUSTRY ESTIMATE

## METAL CUTTING TYPE MACHINE TOOLS

New Orders, Cancellations, Shipments and Backlog

| DATE        | NET NEW ORDERS  |                |                 | Order Backlog<br>(In Mil. \$) | SHIPMENTS       |                |                 |
|-------------|-----------------|----------------|-----------------|-------------------------------|-----------------|----------------|-----------------|
|             | Domestic        | Foreign        | Total           |                               | Domestic        | Foreign        | Total           |
| <u>1979</u> |                 |                |                 |                               |                 |                |                 |
| Jan.        | \$ 377,250,000  | \$ 43,500,000  | \$ 420,750,000  | 3,224.1                       | \$ 158,600,000  | \$ 18,700,000  | \$ 177,300,000  |
| Feb.        | 310,350,000     | 50,600,000     | 360,950,000     | 3,377.0                       | 184,700,000     | 23,350,000     | 208,050,000     |
| Mar.        | 343,950,000     | 32,600,000     | 376,550,000     | 3,505.4                       | 221,150,000     | 26,950,000     | 248,100,000     |
| Apr.        | 329,950,000     | 27,750,000     | 357,700,000     | 3,636.0                       | 195,600,000     | 31,550,000     | 227,150,000     |
| May         | 340,350,000     | 49,550,000     | 389,900,000     | 3,778.3                       | 218,100,000     | 29,450,000     | 247,550,000     |
| June        | 293,000,000     | 42,950,000     | 335,950,000     | 3,853.2                       | 234,400,000     | 26,650,000     | 261,050,000     |
| July        | 275,350,000     | 22,550,000     | 297,900,000     | 3,956.3                       | 169,900,000     | 24,900,000     | 194,800,000     |
| Aug.        | 296,450,000     | 51,050,000     | 347,500,000     | 4,082.4                       | 197,900,000     | 23,550,000     | 221,450,000     |
| Sep.        | 397,600,000     | 77,500,000     | 475,100,000     | 4,283.9                       | 243,550,000     | 30,050,000     | 273,600,000     |
| Oct. (P)    | 356,500,000     | 118,900,000    | 475,400,000     | 4,477.1                       | 260,100,000     | 22,050,000     | 282,150,000     |
| 10 mos.     | \$3,320,750,000 | \$ 516,950,000 | \$3,837,700,000 |                               | \$2,084,000,000 | \$ 257,200,000 | \$2,341,200,000 |

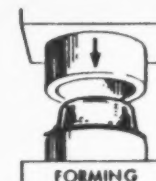
| DATE        | GROSS NEW ORDERS |                |                 | CANCELLATIONS  |               |                |
|-------------|------------------|----------------|-----------------|----------------|---------------|----------------|
|             | Domestic         | Foreign        | Total           | Domestic       | Foreign       | Total          |
| <u>1979</u> |                  |                |                 |                |               |                |
| Jan.        | \$ 394,150,000   | \$ 46,400,000  | \$ 440,550,000  | \$ 16,900,000  | \$ 2,900,000  | \$ 19,800,000  |
| Feb.        | 368,750,000      | 51,350,000     | 420,100,000     | 58,400,000     | 750,000       | 59,150,000     |
| Mar.        | 372,150,000      | 33,500,000     | 405,650,000     | 28,200,000     | 900,000       | 29,100,000     |
| Apr.        | 360,950,000      | 30,000,000     | 390,950,000     | 31,000,000     | 2,250,000     | 33,250,000     |
| May         | 364,900,000      | 52,500,000     | 417,400,000     | 24,550,000     | 2,950,000     | 27,500,000     |
| June        | 319,200,000      | 45,350,000     | 364,550,000     | 26,200,000     | 2,400,000     | 28,600,000     |
| July        | 292,500,000      | 26,000,000     | 318,500,000     | 17,150,000     | 3,450,000     | 20,600,000     |
| Aug.        | 312,250,000      | 56,500,000     | 368,750,000     | 15,800,000     | 5,450,000     | 21,250,000     |
| Sep.        | 415,950,000      | 78,300,000     | 494,250,000     | 18,350,000     | 800,000       | 19,150,000     |
| Oct. (P)    | 389,800,000      | 129,400,000    | 519,200,000     | 33,300,000     | 10,500,000    | 43,800,000     |
| 10 mos.     | \$3,590,600,000  | \$ 549,300,000 | \$4,139,900,000 | \$ 269,850,000 | \$ 32,350,000 | \$ 302,200,000 |

This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

N.M.T.B.A. F - 1c

# INDUSTRY ESTIMATE METAL FORMING TYPE MACHINE TOOLS

New Orders, Cancellations, Shipments and Backlog



| DATE        | NET NEW ORDERS |                |                | Order<br>Backlog<br>(In Mil. \$) | SHIPMENTS      |               |                |
|-------------|----------------|----------------|----------------|----------------------------------|----------------|---------------|----------------|
|             | Domestic       | Foreign        | Total          |                                  | Domestic       | Foreign       | Total          |
| <u>1979</u> |                |                |                |                                  |                |               |                |
| Jan.        | \$ 92,850,000  | \$ 4,750,000   | \$ 97,600,000  | 548.0                            | \$ 58,600,000  | \$ 8,650,000  | \$ 67,250,000  |
| Feb.        | 77,850,000     | 9,100,000      | 86,950,000     | 562.7                            | 67,600,000     | 4,700,000     | 72,300,000     |
| Mar.        | 99,000,000     | 6,400,000      | 105,400,000    | 583.1                            | 79,100,000     | 5,950,000     | 85,050,000     |
| Apr.        | 84,950,000     | 19,000,000     | 103,950,000    | 609.1                            | 70,550,000     | 7,350,000     | 77,900,000     |
| May         | 76,850,000     | 9,500,000      | 86,350,000     | 620.5                            | 69,250,000     | 5,800,000     | 75,050,000     |
| June        | 67,100,000     | 19,550,000     | 86,650,000     | 617.6                            | 81,150,000     | 8,350,000     | 89,500,000     |
| July        | 57,550,000     | 6,650,000      | 64,200,000     | 608.9                            | 66,900,000     | 6,000,000     | 72,900,000     |
| Aug.        | 73,700,000     | 4,850,000      | 78,550,000     | 623.5                            | 58,550,000     | 5,350,000     | 63,900,000     |
| Sep.        | 54,250,000     | 16,250,000     | 70,500,000     | 620.8                            | 66,000,000     | 7,200,000     | 73,200,000     |
| Oct.(P)     | 83,750,000     | 5,350,000      | 89,100,000     | 619.1                            | 83,650,000     | 7,200,000     | 90,850,000     |
| 10 mos      | \$ 767,850,000 | \$ 101,400,000 | \$ 869,250,000 |                                  | \$ 701,350,000 | \$ 66,550,000 | \$ 767,900,000 |

| DATE        | GROSS NEW ORDERS |               |                | CANCELLATIONS |             |               |
|-------------|------------------|---------------|----------------|---------------|-------------|---------------|
|             | Domestic         | Foreign       | Total          | Domestic      | Foreign     | Total         |
| <u>1979</u> |                  |               |                |               |             |               |
| Jan.        | \$ 99,550,000    | \$ 5,150,000  | \$ 104,700,000 | \$ 6,700,000  | \$ 400,000  | \$ 7,100,000  |
| Feb.        | 81,800,000       | 9,200,000     | 91,000,000     | 3,950,000     | 100,000     | 4,050,000     |
| Mar.        | 104,600,000      | 6,750,000     | 111,350,000    | 5,600,000     | 350,000     | 5,950,000     |
| Apr.        | 89,850,000       | 19,400,000    | 109,250,000    | 4,900,000     | 400,000     | 5,300,000     |
| May         | 80,650,000       | 10,800,000    | 91,450,000     | 3,800,000     | 1,300,000   | 5,100,000     |
| June        | 72,000,000       | 19,800,000    | 91,800,000     | 4,900,000     | 250,000     | 5,150,000     |
| July        | 60,400,000       | 6,900,000     | 67,300,000     | 2,850,000     | 250,000     | 3,100,000     |
| Aug.        | 78,600,000       | 5,250,000     | 83,850,000     | 4,900,000     | 400,000     | 5,300,000     |
| Sep.        | 59,500,000       | 16,550,000    | 76,050,000     | 5,250,000     | 300,000     | 5,550,000     |
| Oct.(P)     | 86,800,000       | 6,700,000     | 93,500,000     | 3,050,000     | 1,350,000   | 4,400,000     |
| 10 mos      | \$ 813,750,000   | \$106,500,000 | \$ 920,250,000 | \$ 45,900,000 | \$5,100,000 | \$ 51,000,000 |

This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders Association. These industry estimates have not been adjusted for change in the value of the dollar.

P - Preliminary

N.M.T.B.A. F - 1d